



2877/JPN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Srivatsa Venkatasubbarao; Lothar U. Kempen
Assignee: Maven Technologies, LLC
Title: Apparatus Including A Biochip For Imaging Of Biological Samples And Method
Serial No.: 09/838,700 Filing Date: April 19, 2001
Examiner: Not Yet Assigned Group Art Unit: Not Yet Assigned
Docket No.: M-15218-1C US Confirmation No.

Irvine, California
September 28 2004

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22213-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.56**

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56.

Enclosed with this statement are the following:

- Form PTO/SB/08A and PTO/SB/08B (7 pages). The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- Complete copies are not submitted of U.S. applications per 37 C.F.R. §1.98(a)(2)(iii), and copies are not submitted of documents already cited or submitted in a parent application, Application Serial No. 10/602,555 filed on June 23, 2003, from which benefit under 35 U.S.C. §120 is claimed per 37 C.F.R. §1.98(d). If any of the cited/submitted documents is in a foreign language, a concise explanation of relevancy is provided pursuant to 37 C.F.R. §1.98(a)(3). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. 57 F.R. 2021 (1/17/92). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody

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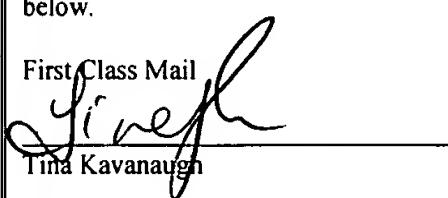
or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement. 37 C.F.R. §1.98(c).

This statement should be considered because:

- This statement qualifies under 37 C.F.R. §1.97, subsection (b) because it is being filed before the mailing of the first office action.
- Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. **50-2257**. A duplicate copy of this authorization is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

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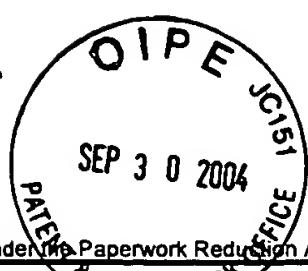
Respectfully submitted,



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application Number	09/838,700
Filing Date	April 19, 2001
First Named Inventor	Srivatsa Venkatasubbarao
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

Attorney Docket Number M-15218-1C US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2004/0023247A1	02-05-2004	Xu et al.	
		US- 2004/0012676A1	01-22-2004	Weiner et al.	
		US- 2004/0030504A1	02-12-2004	Helt et al.	
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		US- 5,164,589	11-17-1992	Sjoedin	

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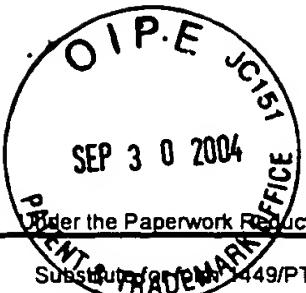
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 03/102580A1	12-11-2003	Saeften et al.		
		WO 03/056337A1	07-10-2003	Loefas		
		AU 742417	02-11-2000	Ivarsson		
		WO 98/32002	07-23-1998	Herbai et al.		
		WO 97/19375	05-29-1997	Ivarsson et al.		
		WO 96/38729	12-05-1996	Wahlstroem et al.		

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Complete if Known

Application Number	09/614,503
Filing Date	April 19, 2001
First Named Inventor	Srivatsa Venkatasubbarao
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

Attorney Docket Number

M-15218-1C US

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US- 5,313,264	05-17-1994	Ivarsson et al.	
		US- 5,573,956	11-12-1996	Hanning	
		US- 2003/0067612A1	04-10-2003	Ivarsson	
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		US- 5,633,724	05-00-1997	King et al.	
		US- 5,856,873	01-00-1999	Naya et al.	
		US- 6,594,011	07-00-2003	Kempen	
		US-			

FOREIGN PATENT DOCUMENTS

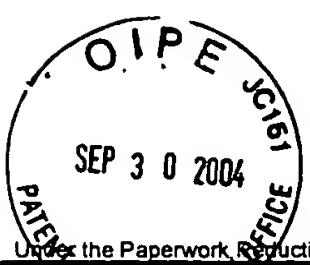
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 96/08720	03-21-1996	Sternesjoe et al.		

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Application Number	09/838,700
Filing Date	April 19, 2001
First Named Inventor	S. Venkatasubbarao
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	M-15218-1C US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		TADASHI SAITO ET AL. "Optical Characterization of Very Thin Hydrogenated Amorphous Silicon Films Using Spectroscopic Ellipsometry"; Japanese Journal of Applied Physics; Vol. 30. No. 11B, November 1991. pp. L1914-L1916	
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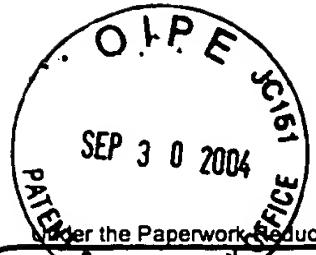
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First Named Inventor	S. Venkatasubbarao
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
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		JONSSON, ULF ET AL. "Biosensors Based on Surface Concentration Measuring Devices-The Concept of Surface Concentration" Progress in Colloid and Polymer Sci. Vol. 70, pp. 96-100, 1985	
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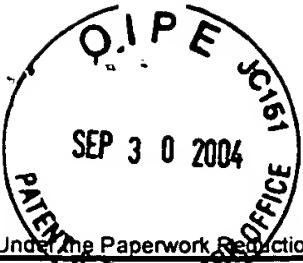
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Application Number	09/838,700
Filing Date	April 19, 2001
First Named Inventor	S. Venkatasubbarao
Art Unit	Not Yet Assigned
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Attorney Docket Number	M-15218-1C US

NON PATENT LITERATURE DOCUMENTS

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		GANG JIN ET AL. "A biosensor concept based on imaging ellipsometry for visualization of biomolecular interactions", Analytical Biochemistry 232, pp.69-72, 1995	
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		ERWIN G. LOEWEN "Diffraction Gratings, Ruled and Holographic", Applied Optics and Optical Engineering, Vol. IX, pp.33-71, Bausch and Lomb, Inc., Rochester, New York 1983 Academic Press, Inc.	

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